261 Mountain View Dr
Colchester, VT 05446
License #: TLAB0030
802-767-7256
info@onwardanalytics.biz

Certificate of Analysis

Client Name: Birdland
License Number: CLTV-0235

Sample ID: VT14550
Sample Name: Pine Sap Chem
Sample Lot: CLTV0235-03-15
Sample Matrix: Flower
Date Received: 10/24/2024
Date Reported: 11/4/2024
Date Tested: 11/1/2024

Total Terpenes (%) : 2.1562

Dominant Terpenes (%)	
Myrcene	**0.7876**
beta-caryophyllene	**0.4327**
Limonene	**0.3547**
alpha-Pinene	**0.1706**
alpha-Humulene	**0.1296**

Terpenes

Standard terpene analysis utilizing Gas Chromatography – Mass Spectrometry (GC-MS; SOP-069-OA) | Test ID: #45664

Analyte	Result (%)	Result (mg/g)	LOD (mg/g)	LOQ (mg/g)
3-Carene	ND	ND	0.000002	0.001
alpha-Bisabolol	0.0895	0.895	0.000003	0.001
alpha-Humulene	0.1296	1.296	0.000002	0.001
alpha-Pinene	0.1706	1.706	0.000001	0.001
alpha-Terpinene	ND	ND	0.000001	0.001
alpha-Terpinolene	0.0071	0.071	0.000004	0.001
beta-caryophyllene	0.4327	4.327	0.000004	0.001
beta-Pinene	0.107	1.07	0.000002	0.001
Camphene	0.0069	0.069	0.000001	0.001
Caryophyllene Oxide	0.0128	0.128	0.000011	0.001
Eucalyptol	ND	ND	0.000002	0.001
gamma-Terpinene	ND	ND	0.000002	0.001
Geraniol	ND	ND	0.000008	0.003
Guaiol	ND	ND	0.000007	0.001
Isopulegol	ND	ND	0.000005	0.001
Isopropyl Toluene	ND	ND	0.000003	0.001
Limonene	0.3547	3.547	0.000002	0.001
Linalool	0.0211	0.211	0.000003	0.001
Nerolidol	0.0366	0.366	0.000007	0.001
Myrcene	0.7876	7.876	0.000003	0.001
Ocimene	ND	ND	0.000002	0.001
Total Terpenes	**2.1562**	**21.562**		

Callie Chapman
Lab Director
11/4/2024

Rev. 1	Initial Release

In performing the services, Onward Analytics, ("OA") shall exercise a degree of skill and care ordinarily exercised by a reasonably prudent laboratory professional under similar circumstances. Except as set forth in the preceding sentence, client acknowledges and agrees that: (a) the services may require OA to make judgements based upon limited data rather than upon scientific certainties; (b) OA's approach, recommendations, and associated cost estimates, if any, are based on industry practices and averages; (c) OA renders its opinions with respect to observations made and data available at the time of testing; (d) ultimate outcomes could be inconsistent with OA's conclusions, results and projections; and (e) there may be additional reports relating to the site (whether prepared by OA or other parties), and reliance upon any OA report without reference to any such other reports is done at client's sole risk.